

ABSTRACT

Disclosed is a sense amplifier. The sense amplifier comprises a
5 sensing unit for sensing data stored at a memory cell, a reference voltage
generator having a reference cell, for generating a reference voltage, an
equalizer that makes same the output of the sensing unit and the output of the
reference voltage generator, before a word line of the memory cell is enabled,
and is then disabled, and a comparator for comparing the output of the sensing
10 unit and the output of the reference voltage generator. Therefore, the present
invention can improve the sensing speed.